2936

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2936	038	01	21	76	28AI	3527	7526

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0007	07	08	10	017	Y	SW	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	E	FT	151	—	10	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	01026	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3L1			PO	DO
START	35°27'	75°26'	1155	4827	7		1017	1018
							PU	ON
FINISH	35°28'	75°26'	1172	4830	8		1048	1053

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50'	1200/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive hydromons

2 - Striped bass

1 - Am. shad

1000

28AI

R/V DAN MOORE SPECIES LIST

STA. NO. 2936 DATE JAN 21 19 76 BIOLOGISTS ~~BFH~~ JVSGK

TOT. CATCH WT. 1026.1 AIR 10 SURFACE 6.8 BOTTOM 7.7

SAMPLE WT. 51.5 RAISING FACTOR 17.7

shipset 568 742

7 14

21

basket 57

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Morone saxatilis		2	21	21	10.5	total
Bervoortia tyrannus		1456	52	920.4	<0.1	7 = ¼ lb.
Peprilus triacanthus		1	.1	1.8	0.1	
Anchoa hepsetus		NUMEROUS	4	70.8	<0.1	
Leiostomus xanthurus		1	.1	1.8	0.1	
Alosa sapidissima		1	0.3	0.3	0.3	IMM ♂ 246 total
Squalus acanthias		1	10	10	10	total

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc	Age	Gonad stage	Station Number	Remarks
1	103	♂	–	–	–	–	–	IMM	2930	
2	132	♀	–	–	–	–	–	IMM	–	
3	142	♀	–	–	–	–	–	IMM	–	
4	112	♀	–	–	–	–	–	IMM	–	
5	105	♀	–	–	–	–	–	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						–	–	
8	105	♀						–	–	
9	97	♂						–	–	
10	112	♂						–	–	
11	121	♂						–	–	
12	108	♀						–	–	
13	112	♂						–	2934	
14	104	♂						–	–	
15	246	♂						–	2936	
16	123	♀						–	2939	
17	140	♀						–	2940	
18	144	♀						–	–	
19	108	♂						–	2942	
20	116	♂						–	–	
21	116	♂						–	–	
22	108	♂						–	–	
23	97	♂						–	–	
24	98	♂						–	–	
25	450	♂							2945	
26	248	♂						IMM	–	
27	164	♂						IMM	–	
28	161	♀						IMM	–	
29	220	♂							2948	
30	134	♀						IMM	–	
31	110	♂						IMM	–	
32	102	♂						IMM	–	
33	138	♀						IM	–	
34	118	♂						IMM	–	
35	123	♂						IM	–	
36	127	♂						IMM	–	
37	131	♀						IM	–	
38	135	♀						IM	–	
39	122	♂						IM	–	
40	118	♀						IMM	–	
41	123	♂						IM	–	
42	124	♂						IM	–	
43	134	♂						IMI	–	
44	175	♀						IMM	–	
45	124	♂						IMM	–	
46	141	♀						IM	–	
47	137	♀						IMM	–	
48	124	♂						IM	–	
49	116	♂								
50	132	♂								

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Species: *Morone saxatilis*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	568	♂							2936	7 lb
2	742								"	14 lb.
3	559								2938	6 lb
										(1)

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Morone saxatilis

DATE: 1/21/76

STATION: 2936

LOCALITY: 28AI

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-	1 (7lbs)			
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-					740-		(14lbs)	1 → sex not	
220-									
230-					TOTAL	1		1	
240-									
250-									
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION Summary

SPECIES: Morone saxatilis (Striped bass) STATION:

DATE: January 1976 LOCALITY:

T. L.	♂	♀	Unk.		T. L.	♂	♀	Unk.	
50-59.9					550-			1	
60-					560-	1			
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-					740			1	
220-									
230-					TOTAL	1		2	
240-									
250-									
260-									
270-									
280-									
290-						N=3			
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. rapidissima

DATE: 1/21/76

STATION: 2936

LOCALITY: 28AI

T.L.	♂	♀	UNK.	
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-	1			
250-				
260-				
270-				
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	♂	♀	Unk	
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL	1			

N=1

Range ♂ 246